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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>Customer No.</i> :	23643	}	
<i>Group:</i>	1793		
<i>Confirmation No.:</i>	3174		
<i>Application No.:</i>	10/550,439		
<i>Invention:</i>	Metallic Nanoparticles As Orthopedic Biomaterial		FILED ELECTRONICALLY ON May 25, 2010
<i>Inventor:</i>	Webster et al.		
<i>Filed:</i>	September 22, 2005		
<i>Attorney Docket:</i>	3220-100522	}	
<i>Examiner:</i>	Ngoclan Thi Mai		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Supplemental IDS is filed in the application identified above pursuant to 37 C.F.R. § 1.56. No representation is intended that a complete search has been made of the prior art or that no better art references than the references cited in the IDS are available. The filing of this IDS shall not be construed to be an admission that the information cited in the IDS is, or is considered to be, material to patentability as defined in §1.56(b). No representation is intended that a complete search has been made of the prior art or that no better art references than the references cited in this IDS are available. The filing of this IDS shall not be construed to be an

admission that the information cited in the IDS is, or is considered to be, material to patentability as defined in §1.56(b). Pursuant to 37 C.F.R. §1.98(a)(2)(i) and (ii), a copy of each cited foreign reference is provided herewith for review by the Examiner, while no copies of the cited U.S. patents and patent publications are provided herewith.

The cited references are believed not to disclose or suggest the invention recited in the claims of the above-identified application. It is therefore believed that the claimed invention is patentably distinguishable over the cited references.

Applicants believe that no fees are required for filing this IDS. If any fees are required, the Commissioner is hereby authorized to charge the same to our Deposit Account No. 10-0435, with reference to our matter 3220-100522.

Respectfully submitted,



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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 3220-100522	SERIAL NO. 10/550,439
		APPLICANT Webster et al.	
		FILING DATE September 22, 2005	GROUP 1793

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Buser et al., "Interface shear strength of titanium implants with a sandblasted and acid-etched surface; A biomechanical study in the maxilla of miniature pigs," J. Biomed. Mat. Res., 45 (1999) pp75-83
AS	Orthopaedic Basic Science, Chapter 10, "Biomaterials," Sheldon Simon ed., Alan S. Litsky and Myron Spector, pp. 447-486
AT	Orthopaedic Basic Science, Chapter 4, "Form and Function of Bone," Sheldon Simon ed., Frederic S. Kaplan et al., pp. 127-184
AU	Kawaguchi et al., "Immunocytochemical and Lectin-Gold Characterization of the Interface Between Alveolar Bone and Implanted Hydroxyapatite in the Rat," Cells and Materials, Vol. 3, No. 4, 1993, pp. 337-350
AV	Webster et al., "Osteoblast Adhesion on Nanophase Ceramics," Biomaterials, 20 (1990), 1221-1227
AW	Elias et al., "Enhanced Functions of Osteoblasts on Nanometer Diameter Carbon Fibers," Biomaterials, 23 (2002), 3279-3287
AX	Kay et al., "Nanostructured Polymer/Nanophase Ceramic Composites Enhance Osteoblast and Chondrocyte Adhesion," Tissue Engineering, Vol. 8, No. 5, 2002, pp. 753-764
AY	Webster et al., "Design and Evaluation of Nanophase Alumina for Orthopaedic/Dental Applications," NanoStructured Materials, Vol. 12, 1999, pp. 983-986
AZ	Nishiguchi et al., "The effect of heat treatment on bone-bonding ability of alkali-treated titanium," Biomaterials, 20 (1999), pp. 491-500

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.